

### § 965.303

standards for energy audits. Energy audits shall analyze all of the energy conservation measures, and the payback period for these measures, that are pertinent to the type of buildings and equipment operated by the PHA.

### § 965.303 [Reserved]

### § 965.304 Order of funding.

Within the funds available to a PHA, energy conservation measures should be accomplished with the shortest payback periods funded first. A PHA may make adjustments to this funding order because of insufficient funds to accomplish high-cost energy conservation measures (ECM) or where an ECM with a longer pay-back period can be more efficiently installed in conjunction with other planned modernization. A PHA may not install individual utility meters that measure the energy or fuel used for space heating in dwelling units that need substantial weatherization, when installation of meters would result in economic hardship for residents. In these cases, the ECMs related to weatherization shall be accomplished before the installation of individual utility meters.

### § 965.305 Funding.

(a) The cost of accomplishing cost-effective energy conservation measures, including the cost of performing energy audits, shall be funded from operating funds of the PHA to the extent feasible. When sufficient operating funds are not available for this purpose, such costs are eligible for inclusion in a modernization program, for funding from any available development funds in the case of projects still in development, or for other available funds that HUD may designate to be used for energy conservation.

(b) If a PHA finances energy conservation measures from sources other than modernization or operating reserves, such as a loan from a utility entity or a guaranteed savings agreement with a private energy service company, HUD may agree to provide adjustments in its calculation of the PHA's operating subsidy eligibility under the PFS for the project and utility involved based on a determination that payments can be funded from the reason-

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ably anticipated energy cost savings (See § 990.107(g) of this chapter).

### § 965.306 Energy conservation equipment and practices.

In purchasing original or, when needed, replacement equipment, PHAs shall acquire only equipment that meets or exceeds the minimum efficiency requirements established by the U.S. Department of Energy. In the operation of their facilities, PHAs shall follow operating practices directed to maximum energy conservation.

### § 965.307 Compliance schedule.

All energy conservation measures determined by energy audits to be cost effective shall be accomplished as funds are available.

### § 965.308 Energy performance contracts.

(a) *Method of procurement.* Energy performance contracting shall be conducted using one of the following methods of procurement:

(1) Competitive proposals (see 24 CFR 85.36(d)(3)). In identifying the evaluation factors and their relative importance, as required by § 85.36(d)(3)(i) of this title, the solicitation shall state that technical factors are significantly more important than price (of the energy audit); or

(2) If the services are available only from a single source, noncompetitive proposals (see 24 CFR 85.36(d)(4)(i)(A)).

(b) *HUD Review.* Solicitations for energy performance contracting shall be submitted to the HUD Field Office for review and approval prior to issuance. Energy performance contracts shall be submitted to the HUD Field Office for review and approval before award.

## Subpart D—Individual Metering of Utilities for Existing PHA-Owned Projects

SOURCE: 61 FR 7970, Feb. 29, 1996, unless otherwise noted.

### § 965.401 Individually metered utilities.

(a) All utility service shall be individually metered to residents, either through provision of retail service to the residents by the utility supplier or

through the use of checkmeters, unless:

(1) Individual metering is impractical, such as in the case of a central heating system in an apartment building;

(2) Change from a mastermetering system to individual meters would not be financially justified based upon a benefit/cost analysis; or

(3) Checkmetering is not permissible under State or local law, or under the policies of the particular utility supplier or public service commission.

(b) If checkmetering is not permissible, retail service shall be considered. Where checkmetering is permissible, the type of individual metering offering the most savings to the PHA shall be selected.

#### § 965.402 Benefit/cost analysis.

(a) A benefit/cost analysis shall be made to determine whether a change from a mastermetering system to individual meters will be cost effective, except as otherwise provided in § 965.405.

(b) Proposed installation of checkmeters shall be justified on the basis that the cost of debt service (interest and amortization) of the estimated installation costs plus the operating costs of the checkmeters will be more than offset by reduction in future utilities expenditures to the PHA under the mastermeter system.

(c) Proposed conversion to retail service shall be justified on the basis of net savings to the PHA. This determination involves making a comparison between the reduction in utility expense obtained through eliminating the expense to the PHA for PHA-supplied utilities and the resultant allowance for resident-supplied utilities, based on the cost of utility service to the residents after conversion.

#### § 965.403 Funding.

The cost to change mastermeter systems to individual metering of resident consumption, including the costs of benefit/cost analysis and complete installation of checkmeters, shall be funded from operating funds of the PHA to the extent feasible. When sufficient operating funds are not available for this purpose, such costs are eligible for inclusion in a modernization

project or for funding from any available development funds.

#### § 965.404 Order of conversion.

Conversions to individually metered utility service shall be accomplished in the following order when a PHA has projects of two or more of the designated categories, unless the PHA has a justifiable reason to do otherwise, which shall be documented in its files.

(a) In projects for which retail service is provided by the utility supplier and the PHA is paying all the individual utility bills, no benefit/cost analysis is necessary, and residents shall be billed directly after the PHA adopts revised payment schedules providing appropriate allowances for resident-supplied utilities.

(b) In projects for which checkmeters have been installed but are not being utilized as the basis for determining utility charges to the residents, no benefit/cost analysis is necessary. The checkmeters shall be used as the basis for utility charges, and residents shall be surcharged for excess utility use.

(c) Projects for which meter loops have been installed for utilization of checkmeters shall be analyzed both for the installation of checkmeters and for conversion to retail service.

(d) Low- or medium-rise family units with a mastermeter system should be analyzed for both checkmetering and conversion to retail service, because of their large potential for energy savings.

(e) Low- or medium-rise housing for the elderly should next be analyzed for both checkmetering and conversion to retail service, since the potential for energy saving is less than for family units.

(f) Electric service under mastermeters for high-rise buildings, including projects for the elderly, should be analyzed for both use of retail service and of checkmeters.

#### § 965.405 Actions affecting residents.

(a) Before making any conversion to retail service, the PHA shall adopt revised payment schedules, providing appropriate allowances for the resident-supplied utilities resulting from the conversion.